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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/749,246	12/30/2003	Jang-Don Choi	11038-123-999	8314	
24341 75	590 07/28/2005	·	EXAM	EXAMINER	
MORGAN, LI	EWIS & BOCKIUS, LI	LP.	BEAULIEU	J, YONEL	
2 PALO ALTO	SQUARE				
3000 EL CAMINO REAL			ART UNIT	PAPER NUMBER	
PALO ALTO,	PALO ALTO, CA 94306				
			DATE MAILED: 07/28/2009	DATE MAILED: 07/28/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.		Application No.	Applicant(s)					
Yone   Deaulieu   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   3651   36		10/749,246	CHOI, JANG-DON					
Previol for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Edurations of time may be available under the previous of 3 CFR 1.136(a). In a event, however, may a reply be timely filled to the previous of 3 CFR 1.136(a). In a event, however, may a reply be timely filled in the provided of the previous of 3 CFR 1.136(a). In a event, however, may a reply be timely filled in the previous of the previous of 3 CFR 1.136(a). In a event, however, may a reply be timely filled in the previous of the previous of 3 CFR 1.704(b). In a event, however, may a reply be timely filled on 30 December 2003.  **Status**  1) Sesponsive to communication(s) filled on 30 December 2003.  2a) This action is FINAL.  2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s)	Office Action Summary	Examiner	Art Unit					
Period for Reply  A SHORTENEO STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - ARE SX (6) MONTH'S from the realizing date of this communication.  - If the period for reply specified above, the maximum databatery period will apply and will capite SIX (6) MONTH'S from the realizing date of this communication.  - If NO period for reply specified above, the maximum databatery period will apply and will capite SIX (6) MONTH'S from the maining date of this communication.  - If NO period for reply a specified above, the maximum databatery period will apply and will capite SIX (6) MONTH'S from the maining date of this communication.  - If NO period for reply a specified above, the maximum databatery period will apply and will capite SIX (6) MONTH'S from the maining date of this communication, even if timely field, may reduce dimy cannot period by the Citica of the then there emolized after the malining date of this communication, even if timely field, may reduce dimy cannot period by the Citica of the communication of the communication is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Simplified in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s)								
THE MAILING DATE OF THIS COMMUNICATION.  Edatacities of tem may be available under the proteins of 3 CPR 1.13(d). In a event, however, may a raply be timely filled after 5X (5) MONTHS from the mailing date of this communication.  **No period for reply as specified above, the maximum statistory parked with the statistory within the databoxy in the mailing date of this communication.  **Faller be reply within the set of extended period for reply will, by databox, and within the statistic property of the reply and will explore the mailing date of this communication.  **Faller be reply within the set of extended period for reply will, by databox, access the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office date than the maining date of this communication, even if timely fleed, may reduce any example patient turn edipationer. See 97 CPR 1.79(b).  **Status**  1) **No period to provide the provided the provided to provide the provided to provided the provided the provided the provided the provided to provided the provided the provided the provided the provided the provided to provided the provided the provided the provided to provided the provided the provided the provided the provided to provided the pro								
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2a)  This action is FINAL. 2b)  This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s)  1-11 is/are pending in the application. 4a) Of the above claim(s)  is/are withdrawn from consideration. 5)  Claim(s)  is/are allowed. 6)  Claim(s)  is/are objected. 7)  Claim(s)  is/are objected to. 8)  Claim(s)  are subject to restriction and/or election requirement.  Application Papers  9)  The specification is objected to by the Examiner. 10)  The drawing(s) filed on  is/are: a)  accepted or b)  objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a)  All b) Some * c) None of: 1.  Certified copies of the priority documents have been received in Application No. 2.  Certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(e) 1)  Notice of References Cited (PTO-892) 2)  Notice of Informal Patent Application (PTO-152)	Status							
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## Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 – 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Khavakh et al. (US 6,192,314 B1).

Regarding claims 1, 2, and 6, Khavakh et al. teaches a route searching method in a navigation system for searching a route from a starting (origin) point to a destination (figs. 13 - 15) and calculating (using item 160 within item 50) a route low in aggregate cost in consideration of cost (fig. 16, item 414) per section (abstract at least), the method comprising: designating a preferable transit region desired by a user to pass through on a map (fig. 2 at least) and establishing a cost of the preferable transit region designated by the user to a low cost (col. 13, lines 9 - 29 and col. 32, lines 2 - 15 at least).

Regarding claim 3, Khavakh further teaches, in the method as defined in claim 2, wherein the particular domain is a circular area of an established distance about a point designated by a user (fig. 21; col. 25, lines 58 – 64 at least).

Regarding claim 4, Khavakh further teaches, in the method as defined in claim 2, wherein the particular domain is a perfect square area of an established distance about a point designated by a user (col. 26, lines 13 – 32).

Regarding claim 5, Khavakh further teaches, in the method as defined in claim 2, wherein the particular domain is a cell designated as a domain of the preferable transit region when one of the plurality of cells indicated by a user pre-set and divided on a map is selected (figs. 7 and 12; col. 6, line col. 7, line 13 at least).

Regarding claim 7, Khavakh further teaches, in the method as defined in claim 6, wherein the desired road is selected and designated by a user out of a road list (figs. 7 and 19; col. 3, lines 15-16; col. 17, lines 29 – 38 at least).

Regarding claim 8, Khavakh further teaches, in the method as defined in claim 1, wherein the step of establishing to lower the cost of the preferable transit region is to uniformly reduce a cost of a region selected by a user (col. 34, lines 54 – 62 at least).

Regarding claims 9 - 11, Khavakh further teaches, in the method as defined in claim 1, wherein the step of establishing to lower the cost of the preferable transit region is to increase costs of other regions than the preferable transit region selected by a user to relatively reduce a cost of the preferable transit region; wherein the step of

Art Unit: 3661

establishing to lower the cost of the preferable transit region is to reduce costs step-by-step towards a center from surrounding areas of the region selected by a user; and wherein the step of establishing to lower the cost of the preferable transit region is to reduce costs of the preferable transit region step-by-step as the preferable transit region designated by a user is being approached (col. 32, line 53 – col. 33, line 7 and col. 33, lines 31 – 42 at least).

## Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yonel Beaulieu whose telephone number is (571) 272-6955. The examiner can normally be reached on M-W 9-3; F 9-4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas BLACK can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 10/749,246 Page 5

Art Unit: 3661

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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